

**INTERIM REPORT on  
Stakeholders' Consultation for  
Setting Up an Industrial Wastewater  
Technology Platform in India**

**JUNE 2020**

**Under the GIZ-India project  
'Sustainable Environment-friendly Industrial Production' (SEIP) Phase II**



**Prepared by :**

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**GeoStone**

## List of Abbreviations:

CGWA	Central Ground Water Authority
CGWB	Central Ground Water Board
CPCB	Central Pollution Control Board
DoWR&S	Department of Water Resources & Supply
IWMI	International Water Management Institute
IWSN	Indian Water Stewardship Network
MEA	Multilateral Environmental Agreement
NGO	Non-Governmental Organization
NGT	National Green Tribunal
MoEFCC	Ministry of Environment, Forests & Climate Change
MoT	Ministry of Textiles
MoWR,RD&GR	Ministry of Water Resources, River Development & Ganga Rejuvenation
NWM	National Water Mission
SDoI	State Department of Industries
SDoT	State Department of Textiles
SPCB	State Pollution Control Board
SGWB	State Ground Water Board
SWM	Sustainable Water Management

## 1.0 BACKGROUND

### 1.1 Context

GIZ is engaged in the field of international cooperation for sustainable development and international education work, dedicated to shaping a future worth living around the world. GIZ has over 50 years of experience in a wide variety of areas, including economic development and employment promotion, energy and the environment, and peace and security. GIZ's main commissioning party is the German Federal Ministry for Economic Cooperation and Development (BMZ). As a federal enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development in more than 120 countries worldwide.

Under the Indo German Development Cooperation, a project on "Sustainable and Environment-friendly Industrial Production" (SEIP) was taken up from March 2015 to February 2019. SEIP project focused on finding solutions to industrial wastewater and water so as to reduce pollution, besides working on corresponding state level action plans and national level policy instruments. Ref. [www.seip.urban-industrial.in](http://www.seip.urban-industrial.in).

The second phase of the Sustainable and Environment-friendly Industrial Production (SEIP) that will be implemented from March 2019 to February 2022 is based on the experiences from the preceding SEIP project that ended in 02/2019. The second phase of SEIP will continue to have a focus on abatement of industrial wastewater pollution in the context of urban areas as well as the pollution of rivers and other water resources. The aim of the project is the promotion of sustainable industrial development in the urban sphere by reducing industrial wastewater pollution through the strengthening of strategic and operational governance structures including framework conditions for regulating, implementing and monitoring. The Ministry of Environment, Forest and Climate Change of the Government of India is the implementing partner.

The objective of the SEIP phase 2 project is, "The strategic and operational governance structures of the Indian Government to effectively combat water pollution from industrial wastewater are strengthened." The SEIP II phase works on the following main outputs:

- Output 1: Strengthening of Legal Framework
- Output 2: Strengthening of Organisational Procedures and Processes
- Output 3: Strengthening of Incentive Mechanisms
- Output 4: Guidelines/e-portals/reference documents
- Output 5: Resource efficiency (RE) and sustainable consumption & production (SCP)

On the topic of industrial wastewater management, industries often ask for information on available technologies, case examples and best practices so that they can look for solutions for problems related to wastewater problems in their companies.

There is a need for a technology platform from where information can be obtained by the industries and support obtained if needed for additional information such as suppliers/manufacturers of equipment, B2B meetings, site visits etc. Different forms of Technology exist today such as UNIDO's Sustainable Technology Promotion Platform<sup>1</sup>

1 [http://www.unido.or.jp/en/activities/technology\\_transfer/technology\\_db/](http://www.unido.or.jp/en/activities/technology_transfer/technology_db/)

(STePP), European Technology Platform<sup>2</sup> etc. Also, in Germany and Europe, Best Available Techniques Reference Documents exist, which can be used by public agencies as well as private sector (ref. <https://eippcb.jrc.ec.europa.eu/reference/>). However, there is a need for a customised Wastewater Technology Platform to support industries in providing with relevant information and support.

As part of SEIP II project, GIZ contracted **GeoStone Corpration** for developing, hosting and operating the envisioned Industrial Wastewater Technology Platform.

## 1.2 Objective of the project

The objective of this project is to set up an Industrial Wastewater Technology Platform for making available relevant information on industrial wastewater management including conveyance systems, wastewater treatment, recycle/reuse, monitoring etc. to all the relevant stakeholders and to provide services such as information exchange between German companies and the Indian company seeking information, facilitating B2B meetings, facilitating site visits etc.

## 2.0 STUDY METHODOLOGY

As the Stakeholder Mapping is focused on Water Stewardship, the boundary limits were set from water to treated wastewater. The water intensive operations of the value chain in the process would primarily be wastewater generation units at Industry level.

### Understanding Wastewater Chain:

The industry can be broadly divided into three segments – Those who are allowed to discharge treated wastewater on Land or in Water Body (Including Municipal Sewers), Industries discharging their partly treated wastewater to CETPs and Industries who maintain Zero Liquid Discharge(ZLD) in absence of any discharge /disposal mechanism for treated wastewater. These stakeholders play a vital role in the functioning of the Wastewater Treatment Segment. They may be summarized as follows, -

1. Policy Makers (Government)
2. Regulators / Enforcement agencies (CPCB/ SPCBs/PCCs)
3. Industries Associations
4. State Industrial Development Corporations (SIDCs)
5. Ministry of Textiles, Government of India

6. CETP Developers & Operators
7. Wastewater Technology and Equipment suppliers
8. Facilitators (who play a positive/ support role to the industry) (Public/ Private)
9. Inputs/ Resources (Raw Materials, Labor, Water, Machinery, Finance, .etc.)
10. Community
11. NGOs
12. Judgments and Orders of Hon'ble NGT and Other Competent Courts of Law

### **3.0 IDENTIFICATION OF STAKEHOLDERS:**

The Stakeholder Mapping exercise started off with the understanding of the actors/ agencies involved in the Water Use/ Wastewater Management at various levels of hierarchy. Further a thorough study of the Industry Sector was taken up holistically into processes involved from Industrial activities ending with the wastewater generation. As the focus of this study is limited to only wastewater technologies, the other segments into other processes and its blends were not considered for detailed study. The stakeholders mapped were hence limited to the ones associated either with wastewater technologies or operations given their linkage with wastewater treatment.

GeoStone had interactions with various stakeholders to validate the understanding and to ensure that all critical stakeholders are captured in the list of identified stakeholders that are linked to Wastewater Management at all levels. The methods adopted for this strategic review and mapping across the stakeholders include:

- Primary data collection through interviews and visits
- Secondary literature review and desk assessment
- Key Informant Interviews
- Group interactions
- Focus Group Discussions
- Online (Web based) Webinars
- Online (Web Based) Workshop

### **4.0 STAKEHOLDER CONSULTATIONS:**

On the topic of industrial wastewater management, industries are in search of information on available technologies, case examples and best practices to arrive at an optimum solution for problems related to wastewater in their companies. The industries and the pollution control boards will be supported with establishment of an Industrial Wastewater Technology Platform, for making available relevant information and available technologies on industrial wastewater management including conveyance systems, wastewater treatment, recycle/reuse, monitoring etc.

To develop the required necessary framework, this activity includes four stages – 1. Needs gathering 2. Designing and developing industrial wastewater technology platform 3. Commissioning and operating the technology platform including e-portal and the services 4. Plan for sustainability of the technology platform.

The activity is being executed by Experts from SEIP-GIZ and a senior team of national and international experts from M/s Geostone Corporation. The activity is in good progress and status as of June 2020 is presented below,-

#### **Progress so far:**

##### **△ List of Meetings/Information Exchange held with partners:**

- **02 July 2019:** GIZ informed CPCB (Output 2 Coordinator, Ms. Garima Sharma) that Industrial Wastewater Technology Platform was found to be one of the promising activities to be taken up under the Output 2 “Organisational Procedures and Processes” of the SEIP II project.
- **23 July 2019:** A meeting was held between SEIP II, GIZ and CPCB officials (Mr. V. P. Yadav, Divisional Head, Mr. P. K. Gupta, Divisional Head, Ms. Garima Sharma, Assistant Secretary and Scientist ‘D’, Mr. Vinay Kumar Upadhyay, Scientist ‘B’, Ms. Alpana Narula, SSA). In this meeting, GIZ shared the international examples (e.g. STePP, UNIDO; European Technology Platforms, Europe; Water Online, US) along with the preliminary scoping of developing the Industrial Wastewater Technology Platform for India.
- **14 October 2019:** GIZ informed CPCB (Ms Garima and Mr Sudhakar) through an email that Industrial Wastewater Technology Platform topic had been taken up and the process of appointing a consultant was initiated.
- **30 October 2019:** A project review meeting was held between GIZ and CPCB under the Mr. Sudhakar’s chairmanship at the CPCB office. In this meeting, the progress of appointing the national consultant for Industrial Wastewater Technology Platform was appraised. GIZ also shared that the national consultant will develop the concept with support of a German Expert for this subject.
- **10 November 2019:** A meeting was held between GIZ and Patparganj Industrial Estate Association for sharing/discussing the findings on the gaps and needs for the Output 2. The meeting was chaired by Mr. Manmohan Mehra, General Secretary, PFEA. In this meeting, he had agreed that an online platform for accessing the environmental information from governments, technology providers and networking with buyers/sellers was missing in India. He said that the platform would help industries in ease of doing bussing and complying with the environmental laws and prescribed conditions.
- **28 November 2019:** A meeting was held between M/s GeoStone and the Chairman of Environment Committee (Mr. Vatsal Naik) along with other industrial representatives of Southern Gujarat Chamber of Commerce & Industries (SGCCI) at Surat. During the

discussion, SGCCI suggested to include the section on advanced technologies, technology vetting process and adaptation of BATs in Wastewater Treatment Technology chain in India with specific conditions, for the benefit of industries.

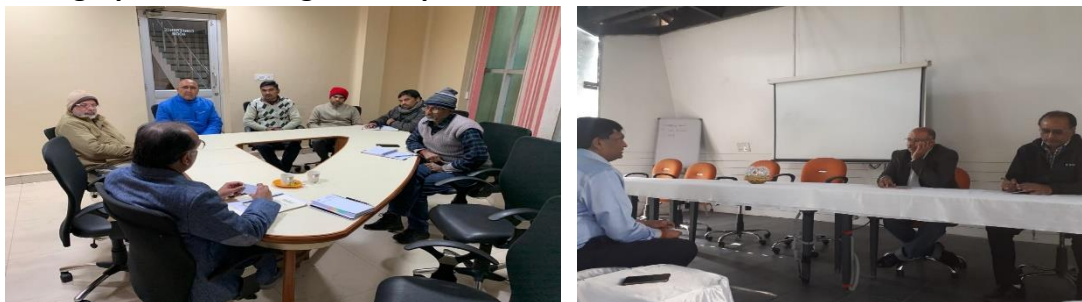
- **29 November 2019:** A meeting was held between M/s GeoStone and the member (Mr. G.P. Singh) of Punjab Dyers Association, Ludhiana, Punjab at CETP site office. During the discussion, Mr G.P. Singh, suggested to include complete information and aspects of (e.g. design, development, business model, operations and maintenance) CETP in Industrial Wastewater Technology Platform. He shared that industries struggle to find this information at one place.
- **30 November 2019:** A meeting was held between M/s GeoStone and the technology provider Naturetech, operating as a contractor for German technology companies (viz. I+M Zizmann and Jaeger Umweltechnik ) in Surat. Naturetech’s representatives (Mr Anil Fatepuria, Mr Harshad Fatepuria, Mr Anurag Fatepuria, Mr Malav Raskapoorwala, Mr VK Desai, Ms Rashi Jajoo) participated in the meeting and suggested that the proposed platform should act as a bridge for B2B and B2C activities in the field of Wastewater between India and Germany, hence, it must be designed accordingly. Naturetech expressed its interest in serving Indian and German companies that are facing various issues related to B2B and B2C activities.
- **10 December 2019:** A meeting was held between M/s GeoStone and Bhagwanpur Industrial Area, Uttarakhand (Mr. Sanjay Pal, Mr Ketan Dhama, Mr Surendra Chaudhary, Mr Ramen Bajaj, Mr Kailash Choudhary, Mr Surendra Yadav, Mr Shivam Goyal, Mr Rajat Bhatia, Me Mohammed Hamir & Mr. Gautam Kapoor). During the discussion, the association members suggested that topics/information such as ETP development process, different wastewater treatment technology with applications, impact on Hon’ble NGT orders time-to-time and regulatory aspects of effluent treatment should be made available on Technology Platform. They said that with the facilitation of this information, industries would be able to run their business well.

#### **Photographs of Meeting at Bhagwanpur Industrial Area, Uttarakhand**



- **13 December 2019:** A meeting was held between M/s GeoStone and Pharma Association of Selaqui Industrial Area, Uttarakhand (Mr. Sanjay Sharma, Mr Maheshwar Prasad, Mr Sunil Kumar, Mr Rajesh Shukla & Mr Mahendra Bhatt). The association members had suggested to include information on advanced technologies for pharma industries and ZLD technologies as they struggled to get this information in public domain.













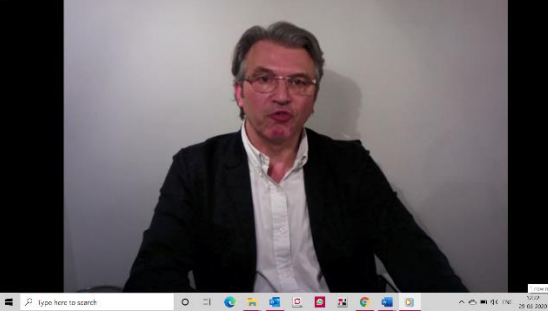
#### Photographs of Meeting at Selaqui Industrial Area, Dehradun, Uttarakhand



- **17 December 2019:** The first online webinar was organised by Geostone Corporation for one and half hour on the topic “Knowledge & Technology Platform for Water & Wastewater”. The German expert “Prof Christian Kazner” gave the presentation on the European Environment Technology Platforms. He explained and gave his suggestions on the important aspects e.g. purpose, concept, target audience, development, operations and maintenance, information exchange platforms, business models and sustainability aspects. 100+ Representatives from organisations including CSE, Development Alternatives, CII, FICCI, ASSOCHAM, Amity University, Delhi University, IIT Delhi, TERI University, DSIIDC, NMCG, SIIDCUL, UKEPCB, World Bank, MEPL, Aquatech Systems, Doshion, Earth Water, Gujarat Enviro Protection & Infrastructure, Nalco Water, KPMG, Deloitte, EY, CRISIL, Steinem Asia, GWP, DWA, Aqua Consult, PTB, India-EU Water Partnership Project, PFEA interacted with the German expert and discussed on aspects such as paid vs free service, business models, sustainability and legal aspects involved in technology transfers. After the explanations, the stakeholders cross questioned to the expert and sought more details on aspects such as free/paid services and sustainability of the technology platform.



## Photographs of First Webinar on 17<sup>th</sup> December 2019

<p><b>Overview of the webinar</b></p> <ul style="list-style-type: none"> <li>• Contents of an industrial wastewater technology portal</li> <li>• Core questions           <ul style="list-style-type: none"> <li>• What • Who • Why • How</li> </ul> </li> <li>• Networks and stakeholders           <ul style="list-style-type: none"> <li>• Regional</li> <li>• National</li> <li>• Supranational</li> <li>• International</li> </ul> </li> <li>• Examples           <ul style="list-style-type: none"> <li>• Websites</li> <li>• Organisations</li> </ul> </li> <li>• Drivers and sustainability</li> <li>• Summary and outlook</li> </ul>   <p>Knowledge &amp; Technology Platform for Water &amp; Wastewater in Industry   C. Kacem   SCP # Webinar 17/12/2019</p>	<p><b>Potential website contents</b></p> <ul style="list-style-type: none"> <li>• <b>Technologies</b> <ul style="list-style-type: none"> <li>• Water &amp; wastewater treatment</li> <li>• Sludge treatment</li> <li>• Transport and storage</li> <li>• Energy</li> <li>• Process control and automation</li> <li>• Monitoring and sensors</li> <li>• Analytical methods</li> </ul> </li> <li>• Suppliers of technologies</li> <li>• Suppliers of services</li> <li>• Best practices</li> <li>• Relevant publications</li> <li>• Networks and partners</li> <li>• Trainings</li> <li>• Events</li> <li>• Member area</li> <li>• Contact</li> </ul>  <p>Knowledge &amp; Technology Platform for Water &amp; Wastewater in Industry   C. Kacem   SCP # Webinar 17/12/2019</p>
<p><b>Industrial wastewater treatment</b></p> <ul style="list-style-type: none"> <li>• <b>Wastewater treatment technologies</b> <ul style="list-style-type: none"> <li>• effluent treatment plants at company level</li> <li>• common effluent treatment plants for groups of industries</li> </ul> </li> <li>• <b>Recycle/reuse of treated wastewater</b></li> <li>• <b>Zero liquid discharge technologies (ZLD)</b></li> <li>• <b>Conveyance systems for wastewater</b></li> <li>• <b>Sewage sludge management</b> <ul style="list-style-type: none"> <li>• collection &amp; storage</li> <li>• treatment &amp; disposal</li> </ul> </li> <li>• <b>Stormwater drainage systems</b></li> <li>• <b>Wastewater monitoring systems</b> <ul style="list-style-type: none"> <li>• flow, pollutant parameters, online monitoring</li> </ul> </li> </ul>   <p>Knowledge &amp; Technology Platform for Water &amp; Wastewater in Industry   C. Kacem   SCP # Webinar 17/12/2019</p>	<p><b>Water and wastewater technology portals and networks</b> International examples</p> <p>DWA Water Europe IWA</p>    <p>Knowledge &amp; Technology Platform for Water &amp; Wastewater in Industry   C. Kacem   SCP # Webinar 17/12/2019</p>
<p><b>DWA Industry Guide</b></p>  <p>Information on      ➤ Technologies      ➤ Suppliers      ➤ Consultants</p> <ul style="list-style-type: none"> <li>• published annually as hardcopy</li> <li>• continuous update of</li> <li>• number of copies 15 000</li> </ul>  <p>Knowledge &amp; Technology Platform for Water &amp; Wastewater in Industry   C. Kacem   SCP # Webinar 17/12/2019</p>	<p><b>Best available technologies</b> European Commission's Joint Research Centre</p> <p>JOINT RESEARCH CENTRE</p> <p>Reference documents under the IPPC Directive and the IED      For each BREF the following information can be found:</p> <ul style="list-style-type: none"> <li>• Specific industrial/agricultural sector in the EU,</li> <li>• Techniques and processes used in this sector,</li> <li>• Current emission and consumption levels,</li> <li>• Best available techniques (BAT) and emerging techniques,</li> <li>• List of references (background material) quoted in the BREF</li> <li>• Links to webpages containing relevant legislation/standards</li> <li>• Additional technical information</li> </ul>  <p>Knowledge &amp; Technology Platform for Water &amp; Wastewater in Industry   C. Kacem   SCP # Webinar 17/12/2019</p>
<p><b>Drivers and sustainability of a portal</b></p> <p><b>Demand</b></p> <ul style="list-style-type: none"> <li>• Matchmaking between supplier and client           <ul style="list-style-type: none"> <li>• Business to client</li> <li>• Business to business</li> </ul> </li> <li>• Networking           <ul style="list-style-type: none"> <li>• local, regional</li> <li>• national, international</li> </ul> </li> <li>• Trainings and conferences</li> <li>• Continuing education (postgraduate)</li> <li>• Research and innovation</li> <li>• Publications</li> <li>• Guidelines and design standards</li> <li>• Reports</li> </ul> <p><b>Operation and sustainability</b></p> <ul style="list-style-type: none"> <li>• Public vs private</li> <li>• Update information</li> </ul> <p><b>Financing options</b></p> <ul style="list-style-type: none"> <li>• Advertising</li> <li>• Subscription (client pays)</li> <li>• Payment per single item (client pays)</li> <li>• Open-source (supplier pays)</li> <li>• Membership (additional services)</li> <li>• Part of networking organisation</li> <li>• Public funds</li> </ul>  <p>Knowledge &amp; Technology Platform for Water &amp; Wastewater in Industry   C. Kacem   SCP # Webinar 17/12/2019</p>	 <p>Knowledge &amp; Technology Platform for Water &amp; Wastewater in Industry   C. Kacem   SCP # Webinar 17/12/2019</p>

- **18 December 2019:** A meeting was held between M/s GeoStone and Gujarat Pollution Control Board (Dr. D.S. Sharma, Senior Officer) at GPCB Regional Office in Surat, Gujarat. During the discussion, Dr Sharma suggested that the proposed technology platform

should act as a knowledge sharing platform and enable to interact with different parties/stakeholders for the benefit of State Pollution Control Boards and others.

- **05 January 2020:** A meeting was held between M/s GeoStone and the German-Swedish Environmental Business Delegation under the leadership of Dr. Schmitt and Mr. Lars Hammar at Hotel Taj Mansingh, New Delhi. During the discussion, the delegates expressed their interest in the technology platform and requested to include the Swedish companies (e.g. technology providers, technology seekers, chambers, networks) in the technology platform. The delegation shared that they had relevant technologies for Indian companies for treating wastewater and managing industrial processes efficiently and affordably.

### **Photographs of Meetings with Swedish-German Delegation at New Delhi**



- **06 January 2020:** The second online webinar was organized by M/s GeoStone to discuss the proposed concept and design of Industrial Wastewater Technology Platform. In this online discussion, 35+ stakeholders including organizations such as DSIIDC, NMCG, SIIDCUL, UKEPCB, World Bank, CSE, Development Alternatives, CII, FICCI, ASSOCHAM, Amity University, Delhi University, IIT Delhi, TERI University, MEPL, Aquatech Systems, Doshion, Earth Water, Gujarat Enviro Protection & Infrastructure, Nalco Water) actively participated and given the inputs. During the online interactions, the following 5 points were put forward by stakeholders on the Industrial Wastewater Technology Platform:

1. Compatibility of platform on web and smart phones
2. Enforcement/Regulatory agencies' advisory information
3. Documents helpful in environment compliance and pollution reduction
4. Networking among Indian and international companies
5. Opportunities for service providers/seekers.

## Photographs of Second Webinar on 06<sup>th</sup> January 2020



A Webinar On:

### Opportunities Through Industrial Wastewater Technology Platform



**Moderator:**  
Mr. Ashish Kumar  
Technical Advisor, SEIP II  
ashish.kumar@giz.de



**Presenter:**  
Mr. Trushil Dossal  
Managing Partner, GeoStone Incorporation  
tdossaldegam@gmail.com

**Sustainable and Environment-Friendly Industrial Production (SEIP-II)**




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### IWWT - Focused Areas

- Recycle/reuse of treated wastewater.
- Zero liquid discharge technologies (ZLD).
- Conveyance systems for wastewater.
- Sewage sludge management (collection, storage, treatment, disposal).
- Storm water drainage systems.
- Wastewater monitoring systems (flow, pollutant parameters, online monitoring).



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### IWWT – Stakeholders Consultations

- IWWT Suppliers - India, Germany & Europe
- Industries & Industries Associations
- CETPs and member units
- Chambers of Commerce & Apex Organizations
- Law Makers & Regulators
- Academia
- Research Institutes / Organizations



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### IWWT – Domain

[www.wwtp.in](http://www.wwtp.in)



**WWTP**  
WASTE WATER TECHNOLOGY PLATFORM




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### IWWT – Static content

- About the Portal
- About SEIP-GIZ / IWWT Portal
- Objectives of Platform
- Team members and Associates
- Confidentiality Declaration as per EU Article
- European BREF reports



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### IWWT – Dynamic content

- Brief of WWTs
- European BREF Links
- Updates on Technologies
- Innovations Corner
- Academia / Research Corner
- Upcoming Events – Expos / Others



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<p style="text-align: center;"><b>IWWT – Free Services</b></p> <ul style="list-style-type: none"> <li>• Newsletters</li> <li>• IWWT Exhibitor's catalogue</li> <li>• Updates on Technologies &amp; Innovations</li> <li>• Important Links</li> <li>• Upcoming Events – Expos / Others</li> <li>• Webinars</li> <li>• Paper publishing by Scholars</li> </ul> <p style="text-align: center;">Prepared by: <b>GeoStone</b></p>	<p style="text-align: center;"><b>IWWT – Chargeable Services</b></p> <ul style="list-style-type: none"> <li>• B2B Services – Consulting and Advisory</li> <li>• B2C Services</li> <li>• Technology Vetting ( Assistance )</li> <li>• Demonstration Project / Pilot Project ( Assistance )</li> <li>• Matchmaking - Strategic Partnerships</li> </ul> <p style="text-align: center;">Prepared by: <b>GeoStone</b></p>
<p style="text-align: center;"><b>IWWT – Chargeable Services</b></p> <ul style="list-style-type: none"> <li>• Specialized Workshops / meetings ( On demand )</li> <li>• Overseas site visits / tours ( Indian ), Site visits to India ( Overseas )</li> <li>• Engineering Consulting</li> <li>• Techno-Legal Advisory</li> <li>• Market research</li> </ul> <p style="text-align: center;">Prepared by: <b>GeoStone</b></p>	<p style="text-align: center;"><b>IWWT – Chargeable Services</b></p> <ul style="list-style-type: none"> <li>• Sponsored Content – Articles by IWWT Companies</li> <li>• Joint Development Arrangements</li> <li>• Specialized Research / Application development through Academia / Experts</li> </ul> <p style="text-align: center;">Prepared by: <b>GeoStone</b></p>
<p style="text-align: center;"><b>IWWT – Glimpses</b></p>  <p style="text-align: center;">Prepared by: <b>GeoStone</b></p>	<p style="text-align: center;"><b>IWWT – Glimpses</b></p>  <p style="text-align: center;">Prepared by: <b>GeoStone</b></p>




















- **22 January 2020:** A meeting was held between GIZ and CPCB (Mr. Sudhakar) in his cabin in CPCB. GIZ shared the scope and progress made by the national consultant M/s GeoStone. It was shared with CPCB that the Industrial Wastewater Technology Platform would be transferred to an eligible company for operations in October 2020, for that CPCB and GIZ would jointly select the eligible company. It was discussed in the meeting, in case no eligible company found, Geostone could own this and operate with market-based model.
- **27 January 2020:** A meeting was held between GIZ/Geostone and CPCB (Mr. V.P. Yadav), Mr Trushit Desai, Managing Partner, Geostone Corporation shared the progress on the need assessment and development. Mr Yadav said that the technology platform should be continued even after the SEIP II project closure, this activity should not be an experiment for the short term.

## Photograph of the meeting at CPCB, New Delhi on 27<sup>th</sup> January 2020



- **18 February 2020:** A meeting was held between GIZ and CPCB (Mr. A. Sudhakar, Mr. V.P. Yadav, Mr P.K. Gupta, Dr K. R Ranganathan, Mr. Ram Babu, Mr. A.K. Tripathi) in the 2<sup>nd</sup> Floor, Conference Hall, CPCB. During the meeting, CPCB (Mr. Sudhakar) shared that the Environmental Technology Platform is a priority area for them. He said that CPCB would provide guidance and necessary support to the consultant “Geostone”, however the platform should be hosted and operated independently by the consultant. At the end of the contract, a non-binding letter/agreement for its transfer would be signed between CPCB and Geostone.
- **09 April 2020:** The Third online webinar was organised for outreach to stakeholders and their comments and suggestions on Content and Services of IWWTP Platform. 140+ Representatives attended the webinar and actively participated in the scheduled topics for discussion. Major agencies that participated were e.g. .CPCB, SPCBs, NMCG, GCPC, GPCB, SMCG, CEE, FICCI, CII, AHK, Gopa Infra, ETC Engineering, CSE, India-EU Water Partnership, Industry Associations, ISLE Utilities, Enviu, TWIC, MEPPL, GETP CETP, Pandesara CETP, NABL, CETP Societies, SFC & Intergeo, Waterex, EMO, SCET, Jilo Group, Engineering Services, ENPRO, ENVIU, MSPL, C-Utility, iFish, TPHT, Amity University, Delhi Universities, CWM. During the webinar, Industrial Wastewater Technology Platform’ concepts and progress was presented with more details on content of the portal, services through the platform, operational procedures, membership benefits, services to non-members, free and paid services, regular updates through the platform, IWWTPs vision during and post COVID-19 pandemic, Online Exposition, upcoming services and inclusion of Stakeholders’ comments and suggestions. During the discussions, companies/individual experts showed interest and obtained information to become the member of the upcoming technology platform.

## Photographs of Third Webinar on 09<sup>th</sup> April 2020

<p>A Webinar On:</p> <h3>Opportunities Through Industrial Wastewater Technology Platform (IWWTP)</h3>  <p>Moderator: Mr. Ashish Kumar Technical Advisor, SEIP II, GIZ</p>  <p>Presenter: Mr. Trushit Desai Managing Partner, Geostone Incorporation</p> <p><b>Sustainable and Environment-Friendly Industrial Production (SEIP-II)</b></p> <p>09<sup>th</sup> April 2020</p>  	<p>IWWTP – Domain</p> <p><a href="http://www.wwtp.in">www.wwtp.in</a></p> <p>Demo Link : <a href="http://www.wwtp.in/demo">www.wwtp.in/demo</a></p>   
<h3>IWWTP – Who can be listed ?</h3> <ul style="list-style-type: none"> <li>• WWT Technology Companies</li> <li>• Equipment Manufacturers</li> <li>• Water / Wastewater Associations, Academia &amp; Research Institutions</li> <li>• Consultants</li> <li>• IT / IoT / Automation Solution Providers</li> <li>• Others – upon approval of request</li> </ul>  	<h3>IWWTP – What can be listed ?</h3> <ul style="list-style-type: none"> <li>• Boucher's of WWT &amp; Allied Technologies ( Marketing Material )</li> <li>• Boucher's Equipment used in WWT ( Marketing Materials )</li> <li>• Articles on WWT &amp; Allied Technologies ( Scientific Content )</li> <li>• Innovations and Case Studies ( Scientific Content )</li> <li>• Match Making Requests ( Under Development )</li> <li>• Others – upon approval of request</li> </ul>  
<h3>IWWTP – What's Free ?</h3> <ul style="list-style-type: none"> <li>• Catalogues and Broucher's ( Free Till 31<sup>st</sup> October 2020 )*</li> <li>• Advisory Response ( Through Emails &amp; Scheduled Calls )</li> <li>• Access to the WWTP Portal Content</li> <li>• Matchmaking - Strategic Partnerships ( Through Self Assessment )</li> </ul> <p>* NOTE : Extension under consideration</p>  	<h3>IWWTP – Chargeable Services</h3> <ul style="list-style-type: none"> <li>• Specialized Workshops / meetings ( On demand )</li> <li>• Overseas site visits / tours ( Indian ), Site visits to India ( Overseas )</li> <li>• Engineering Consulting &amp; Services</li> <li>• Techno-Legal Advisory</li> <li>• Market research</li> <li>• "VIRTUAL EXPO !"</li> </ul>  
<h3>IWWTP – Q&amp;A</h3> <p>Your Questions !</p> <p>Q1 : What is unique about the Environmental Technology Platform ?</p> <p>Q2 : Where does Environmental Technology Platform's mandate come from ?</p> <p>Q3 : Can any interested party obtain funding from IWWTP ?</p> <p>Q4 : is IWWTP operational as of now ?</p> <p>Q5 : Is there a fee to register as a user ?</p>  	<h3>Project Contacts</h3> <p>If you have any questions, please write to:</p> <p>Mr. Raghu Babu Nukala , Project Director, SEIP II, GIZ <a href="mailto:nukala.raghu@giz.de">nukala.raghu@giz.de</a></p> <p>Mr. Ashish Kumar, Technical Advisor, SEIP II, GIZ <a href="mailto:ashish.kumar@giz.de">ashish.kumar@giz.de</a></p> <p>Mr. Trushit Desai, Managing Partner, Geostone Corporation <a href="mailto:geostone.corp@gmail.com">geostone.corp@gmail.com</a></p>  

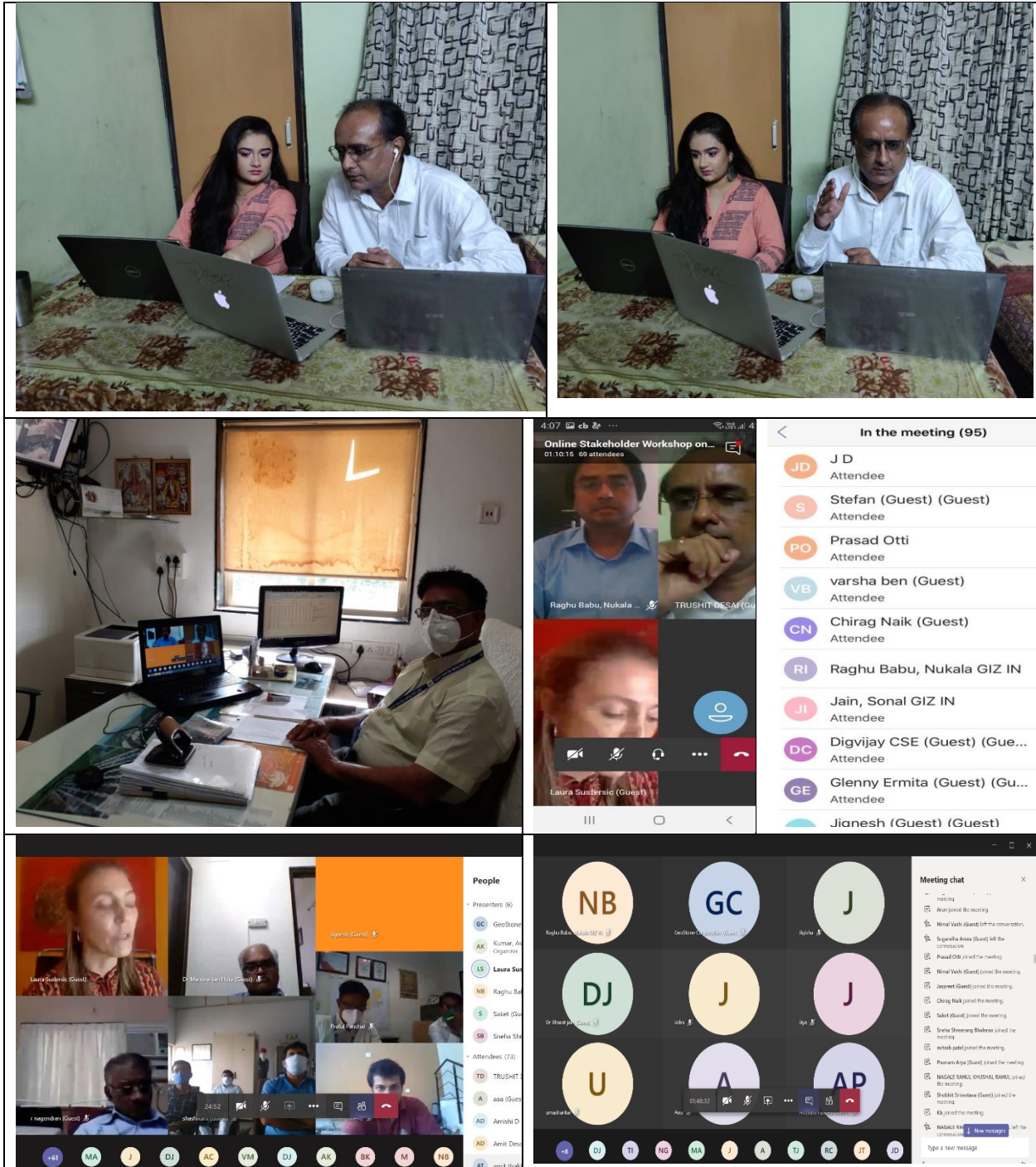
### △ Stakeholder Consultation Workshops:

- **01<sup>st</sup> November 2019:** The first stakeholder consultation workshop was organized for sharing and discussing the findings of baseline studies conducted for Output 2 of SEIP II by Deloitte. In this workshop, CPCB (Mr. Sudhakar, Mr. V.P. Yadav) attended the workshop, the topic of Technology Platform was presented to stakeholders ( CPCB,

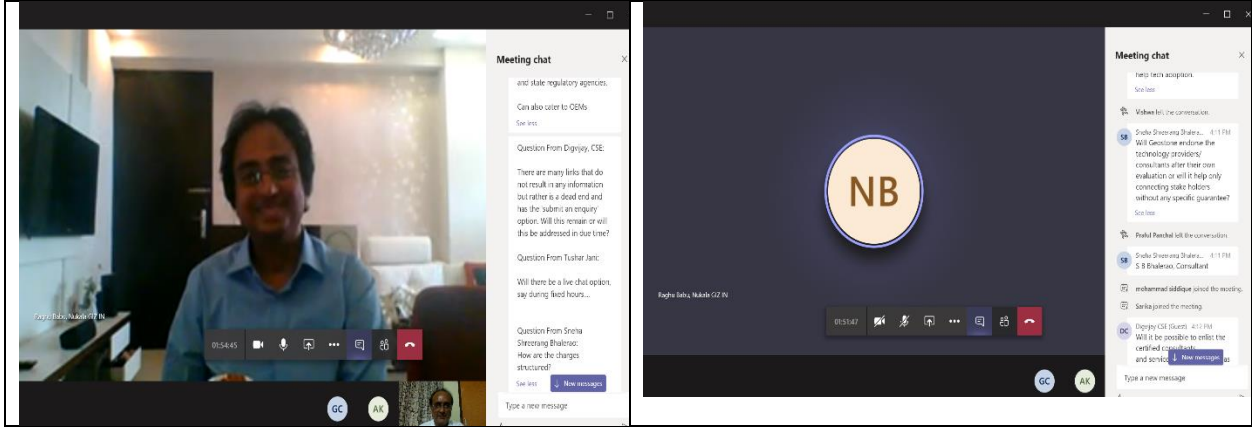
NMCG, SCGJ, NIC, DSIIDC, SIIDCUL, BIADA, World Bank, UKPCB, IITs, Amity University, Delhi University, World Bank, Okhla CETP Manager, TERI, FMC, CII, FICCI, ASSOCHAM, PHDCCI, Indo-German Chamber of Commerce, CSE, Development Alternatives, India-EU Water Partnership Project, Ernst & Young, CRISIL, NPC, Knowledge Lens) for setting up the Industrial Wastewater Technology Platform for India.

- **22 November 2019:** The second stakeholder consultation workshop was organized for sharing the details and recommendations of baseline studies conducted for Output 2 of SEIP II by Deloitte. In this workshop, the topic Industrial Wastewater Technology Platform was presented again with more details along with international best practices with key stakeholders (e.g. NMCG, SCGJ, NIC, DSIIDC, SIIDCUL, BIADA, World Bank, UKPCB, IITs, Amity University, Delhi University, TERI, FMC, CII, FICCI, ASSOCHAM, PHDCCI, Indo-German Chamber of Commerce, CSE, Development Alternatives, India-EU Water Partnership Project, Ernst & Young, CRISIL, NPC, Knowledge Lens). The stakeholders agreed to take up this activity under the SEIP II.
- **18 June 2020:** An Online Stakeholder Workshop on Gaps/Needs Assessment was conducted in which 125+ participants attended and given the inputs. GIZ's consultant, M/s Geostone, presented the gaps, needs and international case examples on Industrial Wastewater Technology Platform. The major organizations present in the workshop included CPCB, SPCBs, NMCG, GCPC, GPCB, SMCG, CEE, FICCI, CII, AHK, Gopa Infra, ETC Engineering, CSE, India-EU Water Partnership, Industry Associations, ISLE Utilities, Enviu, TWIC, MEPPL, GETP CETP, Pandesara CETP, NABL, CETP Societies, SFC & Intergeo, Waterex, EMO, SCET, Jilo Group, Engineering Services, ENPRO, ENVIU, MSPL, C-Utility, iFish, TPHT, Amity University, Delhi Universities, CWM. The participating organizations were provided with draft reports in advance and their comments/suggestions were collected during the workshop deliberations. The finalized Gaps/Needs Assessment report will be submitted with this progress note.

## Photographs of Online Workshop on 18<sup>th</sup> June 2020







**Photographs of other consultative events and review meetings for IWWTP Project**



In addition to consultations and workshop, Following Stakeholders consultation were also completed in order to receive inputs from stakeholders

<b>Date</b>	<b>Stakeholders</b>	<b>Major Issues Discussed</b>
22.11.2019	SEIP, Consulting Agencies, BIADA, UEPPCB	General Framework
30.11.2019	CETPs of Sachin and Pandesara, Surat	ZLD Technologies
30.11.2019	Jaeger Umweltechnik & IM Zizmann, Germany, Indian representatives	Issues of B2B and B2C for promotion of German WW Technologies in India
05.12.2019	Naturetech, India	Promotion of German Technologies in India, B2C
05.12.2019	Mr Vishal Parekh, Consultant, India	Knowledge sharing of BAT from Germany for implementation in India
05.12.2019	GITAAR, India	Training Aspects, Sustainability of German WWT in India
18.12.2019	SVNIT – KD Yadav, PV Bhale	Engagement of Academia, Technology Vetting Programs, Applied Research, Training Programs, Energy Efficiency in WWTP
18.12.2019	Pollucon – HM Gandhi, MB Gandhi, DM Gandhi	Engagement of Environmental Laboratories and Consultants
18.12.2019	BWRC – MSH Sheikh	Engagement of NGOs
20.12.2019	MEPPL – Nimal Vashi	Common Environmental Infrastructure, ZLD Technologies
24.12.2019	Mangalam Drugs-CK Naik	Advanced Oxidation based WWT Technologies for Pharma Industries
25.12.2019	KD Inds – Kinnari Naik	ZLD Requirements, Sludge Minimization Technologies, Consultants' database
26.12.2019	ENPRO – DJ Naik	ETP Audits, Services for Env Laboratory Accreditation, ETP Design & Engineering, CETP related services
28.12.2019	Koch Inds, Europe – Simone Galluzzi	Business development requirements of European Companies
28.12.2019	UKPJN, GoUK – Mamta Varma-AE	Adaptation of Advanced Sludge Management Technologies
10.01.2020	Design of Concept for WWTP Platform – GIZ - Team	For concept and structure of WWT-Portal
10.01.2020	Interactions with SEIP Consultants	WEBINAR Stakeholder Consultation
21.01.2020	GWP Member Representative	GWP Participation

23.01.2020	Meetings + Webinar with Apex Industries Associations –CII, AHK Internal meeting at SEIP/GIZ	Initial Meetings to understand requirements/expectations of Apex Industries Associations
24.01.2020	Meeting with FICCI, NMCG, MoJS, Hotel Lalit  MoEFCC CPCB  Webinar – GIZ SEIP, Prof Hartwig	Introductory meeting with Stakeholders  CPCB Water Division, IT Division  Webinar attended
02-03.03.2020	GIZ SEIP, New Delhi	Internal Review of Portal

### Following Event have been planned as a part of stakeholder consultation process, -

Stakeholder consultation is a continuous process all along the project life cycle of IWWTP Portal and GeoStone is in a process of receive suggestions of stakeholders on future consultation and outreach activities of the IWWTP Platform. Based on request and suggestions of stakeholders, following activities / programs have been planned as a part of continuous consultation process

Date	Stakeholders	Major Issues to be Discussed
Dec-2019/Oct-2020	Start of Facilitation to German WWT Companies for support on B2B, B2C services (Pilot Project)	For implementation of BAT in state of Uttarakhand (Already started) – <b>Started*</b>
Oct-2020	GWP, BMWi delegation to India	Presentation of IWWTP Portal and services for Wastewater Companies and Stakeholders. Facilitation to delegation members for B2B meetings and site visits, if requested
Nov/Dec-2020	Visit to Germany	Facilitating B2B services for German Technology Supplier & Indian strategic partners *
July/August-2020	SEIP-II / GIZ	Launch of WWT Platform
September 2022	IFAT-Munich	One to One interaction with German / European WWT Technology Suppliers for facilitation through WWT-Platform* ( Event Postponed from May-2020 due to COVID-19 )

Note : \* : Event have been rescheduled or may be rescheduled in compliance with prevailing guidelines of COVID-19 pandemic

## 5.0 STUDY AND REVIEW OF SIMILAR PLATFORMS

As a process prior to designing the portal and content of proposed portal for IWWTP Platform, a number of Indian and internationally renowned and successful platform portals were reviewed and studied in depth – for their design, layout, content, services through portals, operational and management mechanism, data protection policies, outreach programs and financial income aspects of a portal. All the renowned portals and platforms offers a unique set of services and benefits to their stakeholders.

A brief compilation of national and international portals referred, and studies are presented below through a set of photographic impressions.

### Photographic Images of Portal Interfaces

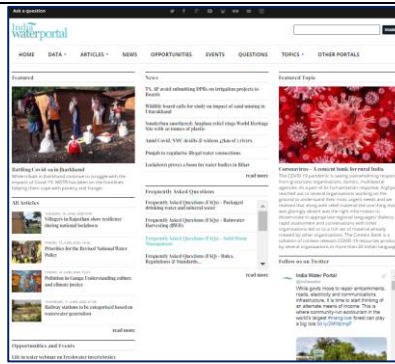


Some other important portals studied are - Aquatec Trade – The Netherlands, India Water Portal – India, Water Online – USA, Asia Water – Malaysia, StePP – UNIDO, EIPPCB – Europe (BREFs), Cluster Collaboration – EU, W&WT – UK, Trade Expos – IFAT, AQUATECH. Some of the photographic images are presented on following page

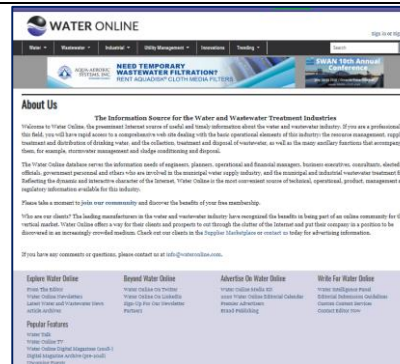
# Photographic Images of Portal Interfaces – Indian and International



**Aqutech Trade - Netherlands**



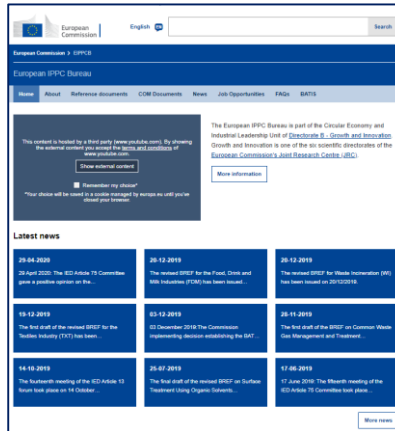
**IWP - India**



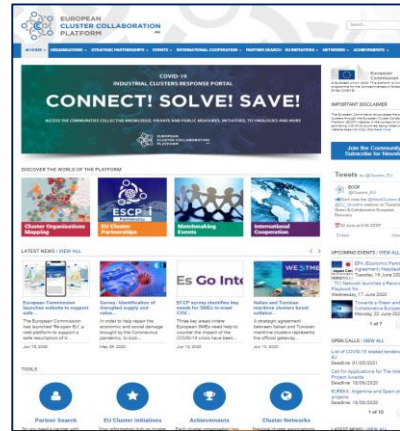
**Water Online - USA**



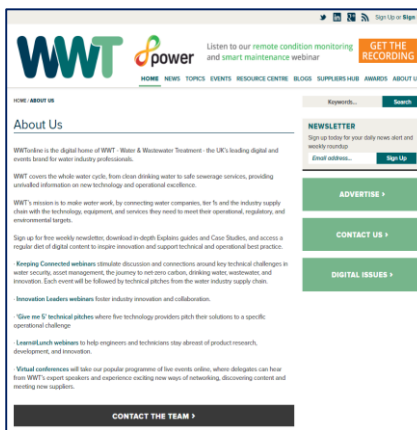
**STePP- UNIDO**



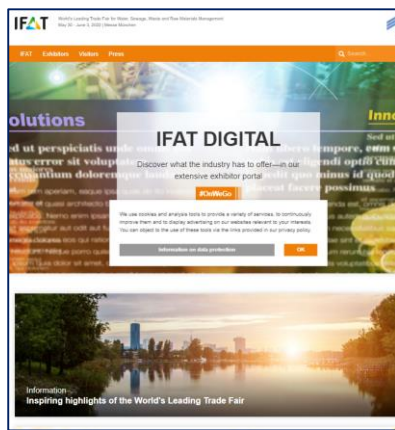
**EIB - EU**



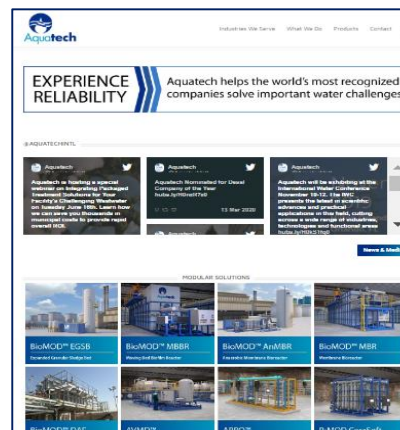
**Cluster Collaboration - EU**



**W&WT - England**



**IFAT - Germany / Intl.**



**Aquatech - NL / Intl.**

## 6.0 OUTCOME & RECOMMENDATIONS:

In the course of discussions with the various stakeholders, particularly the industries and industry associations; they have expressed their keen interest in patronizing the GIZ initiative of developing a Technology Platform to facilitate and sustain a host of commercial services, knowledge services, as well as B2B and B2C services. Industry Sector being one of the most prominent and promising sectors needs to be fostered for growth; however, without compromising on ecological sustainability. This can be done by advocating appropriate advisories and business combinations through Industrial Waste Water Technology (IWWT) Platform.

Promotion of IWWT platform has emerged as a critical need within industry - water nexus in recent years. This has become critical due to cascading of certain factors, leading to increasing vulnerability to water intensive industries, particularly with respect to their sustainability and associated business continuity risks. The WWT platform would also be designed to provide a forum for strategic partnerships with other organizational actors (e.g., NGOs, intergovernmental agencies, universities, trade associations, and other businesses) for proactive and creative engagement of all the stakeholders concerned. Proposed interventions of IWWTP are expected to result in increased compliance of Industries and wastewater generators towards their regulatory obligations vide meeting stipulated norms as well as to reduce water pollution across the water cycle.

Developing partnerships with like-minded organizations both national and international will help to provide momentum to promotion of Waste Water Technologies, Innovations and Incubate brilliant ideas, connect with Academia. Leveraging local knowledge and social capital will be another important area especially for implementation of pilot / demonstration projects.

Industry Associations, Research institutions, Capacity development agencies, certification agencies like NITs, IITs and civil society organizations will provide an opportunity to have a multiplier effect which can facilitate creating visibility and acceptability among stakeholders. It will also bring in an attitudinal change in the way the stakeholders value wastewater treatment. This will be important to benefit from years of experience, gain other ideas and perspectives, enhance credibility and legitimacy, increase leverage, and pool resources to address shared risks.

## **7.0 DEVELOPMENT OF PORTAL:**

The Beta version of the portal has been developed and GIZ SEIP was informed on 8<sup>th</sup> March 2020 about readiness of the portal for internal review. The Beta Version of Portal is presently hosted at [www.wwtp.in/demo](http://www.wwtp.in/demo) before its launch at [www.wwtp.in](http://www.wwtp.in)

The IWWTP Platform's front face – The IWWTP Portal has been designed and developed in strict compliance with the European and German Data Protection Directives as well as Indian Information Technology Act 2001. The information and disclaimers in this regard have been exhibited on the portal itself for the information of all.

A brief report on internal tests has been prepared, the summary of tests and results are presented below, -

1. Accessibility from Devices – Tested OK for Laptops, Desktops, Smartphones, Tablets and Smart TVs
2. Broken Links – NIL, Tested OK
3. Multiuser Simultaneous Testing (MUST) – Tested for 41 log-ins at the same time – Tested OK
4. Accessibility across continents – Tested OK. Tested from USA-Chicago & Houston, Canada-Toronto, Germany-Frankfurt & Munich, England – London & Manchester, The Netherlands, Sweden, Spain, Italy, France, Singapore, Australia, New Zealand, UAE, Qatar, Oman & South Africa ( Tested through associates )
5. Compatibility with Multiple Browsers – Tested OK, for IE, Google Chrome, Firefox & Opera browsers
6. Google Page Speed Score – 99
7. Maximum Load time – 3.8 Seconds in India ( In USA and Europe its less than 2 seconds )

Furthermore, Financial Plan for Operation and Maintenance of Portal for 3 years post contract period (from October 2020 to September 2023 ) was submitted by GeoStone

## **8.0 OUTREACH PROGRAMS:**

Due to the restriction imposed by Government of India through various directives as well as advisories of GIZ India office to combat COVID-19 Pandemic, activities requiring physical meetings, travelling, workshops and seminars etc. were temporarily halted. The outreach programs planned at IFAT-2020 at Munich as well AQUATECH-2020 at Shanghai were postponed due to postponement announcement of Expositions.

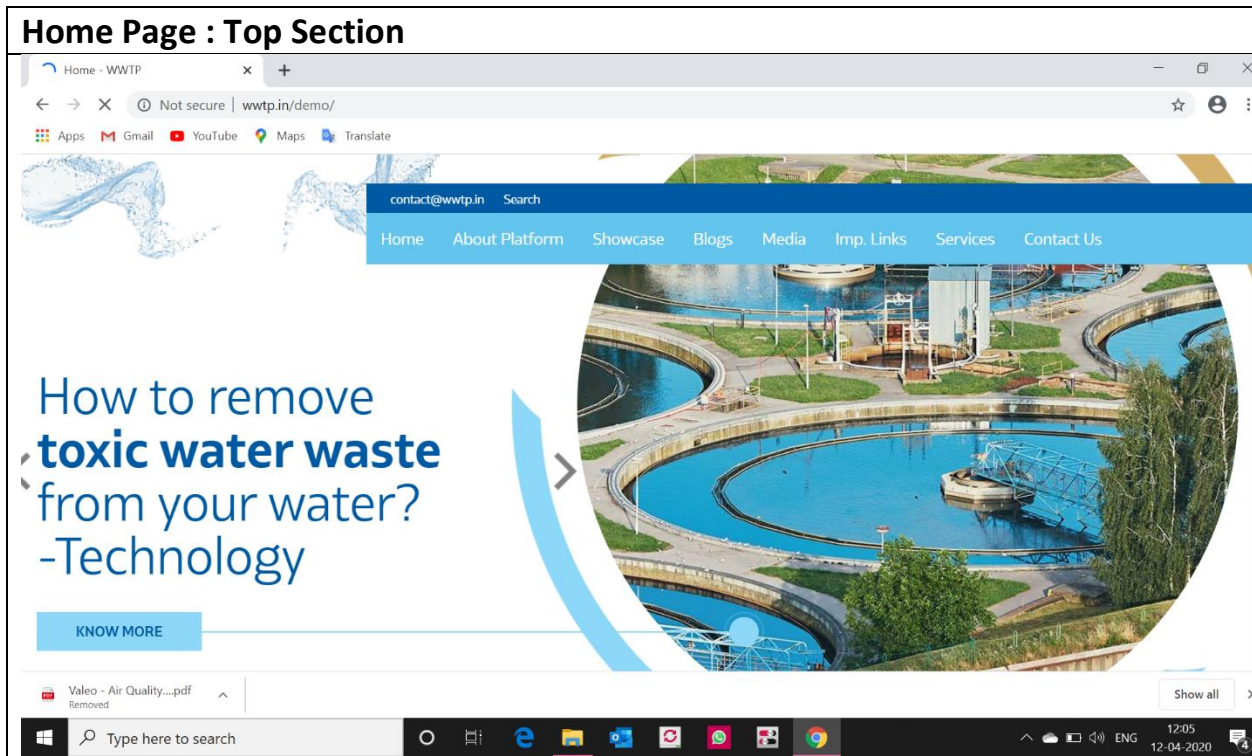
However, in order to proceed with Outreach activities for the WWTP Platform, Webinars and Workshops were organized on 09<sup>th</sup> April 2020 and 18<sup>th</sup> June 2020 inviting German, Other

European, Indian & other stakeholders / participants to start engagement process with the beneficiary stakeholders. Both Online programs recorded more than 110 participants across the world with later program having recorded participation and interest from more than 16 countries spanned over Europe, Asia, Africa, Oceania and American continents



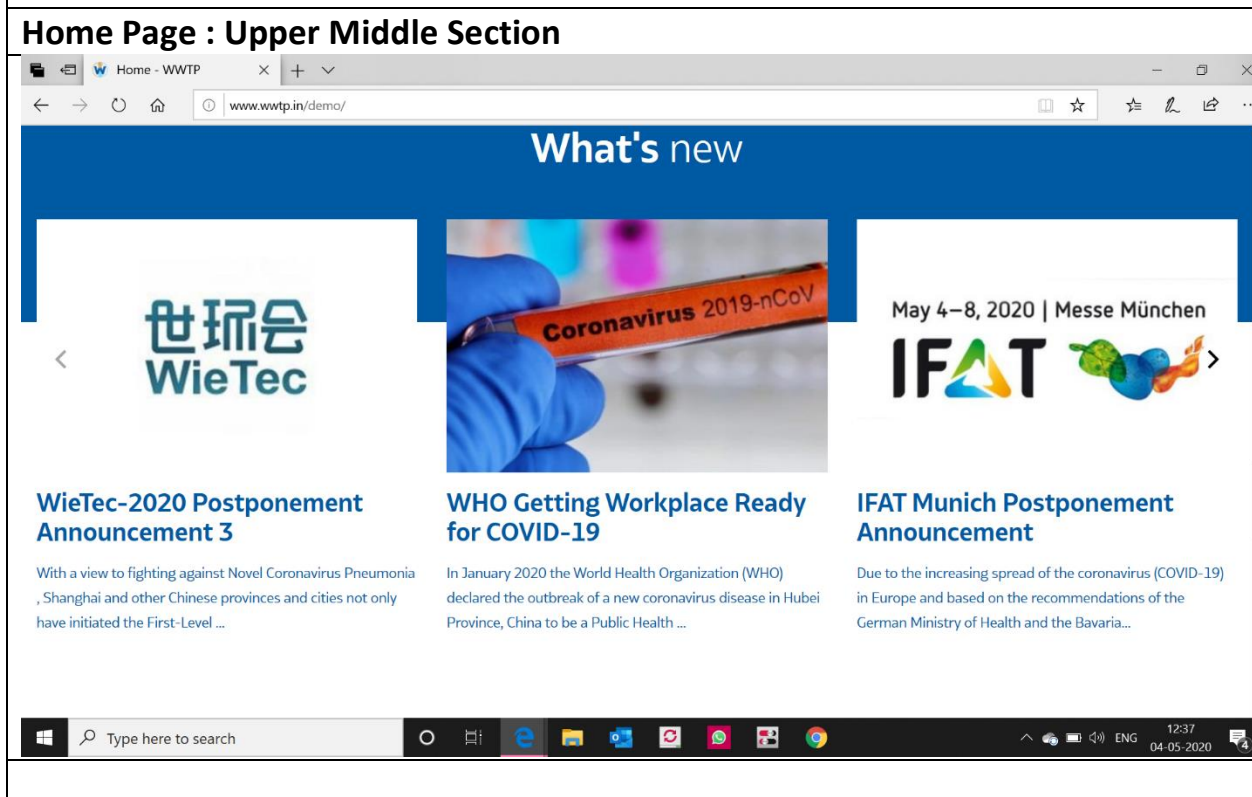
## 9.0 GLIMPSES OF PORTAL ( BETA VERSION )

### Home Page : Top Section



The screenshot shows the top section of the website. The browser address bar displays 'www.wwtp.in/demo/'. The navigation menu includes 'Home', 'About Platform', 'Showcase', 'Blogs', 'Media', 'Imp. Links', 'Services', and 'Contact Us'. The main content area features a large blue banner with the text 'How to remove toxic water waste from your water? -Technology' and a 'KNOW MORE' button. The background image shows a large circular water treatment facility.

### Home Page : Upper Middle Section



The screenshot shows the upper middle section of the website. The browser address bar displays 'www.wwtp.in/demo/'. The section is titled 'What's new' and features three news items:

- WieTec-2020 Postponement Announcement 3**: With a view to fighting against Novel Coronavirus Pneumonia, Shanghai and other Chinese provinces and cities not only have initiated the First-Level ...
- WHO Getting Workplace Ready for COVID-19**: In January 2020 the World Health Organization (WHO) declared the outbreak of a new coronavirus disease in Hubei Province, China to be a Public Health ...
- IFAT Munich Postponement Announcement**: Due to the increasing spread of the coronavirus (COVID-19) in Europe and based on the recommendations of the German Ministry of Health and the Bavaria...

## Home Page : Lower Middle Section

**Technology Showcase**

- Zero liquid discharge technologies (ZLD)
- Wastewater monitoring systems
- Waste water treatment technologies
- Storm water drainage systems
- Sewage sludge management
- Recycle/reuse of treated wastewater
- Conveyance systems for wastewater
- Advanced Technologies

## Home Page : Bottom Section

**WWTP**  
WASTE WATER TECHNOLOGY PLATFORM

The "Profile of the German Water Sector 2015" provides a comprehensive and up to date picture of water supply and wastewater disposal services in Germany.

**OUR MENU**

- Home
- About Platform
- Showcase
- Blogs
- Media
- Important Links
- Services
- Contact Us

**OUR SHOWCASE**

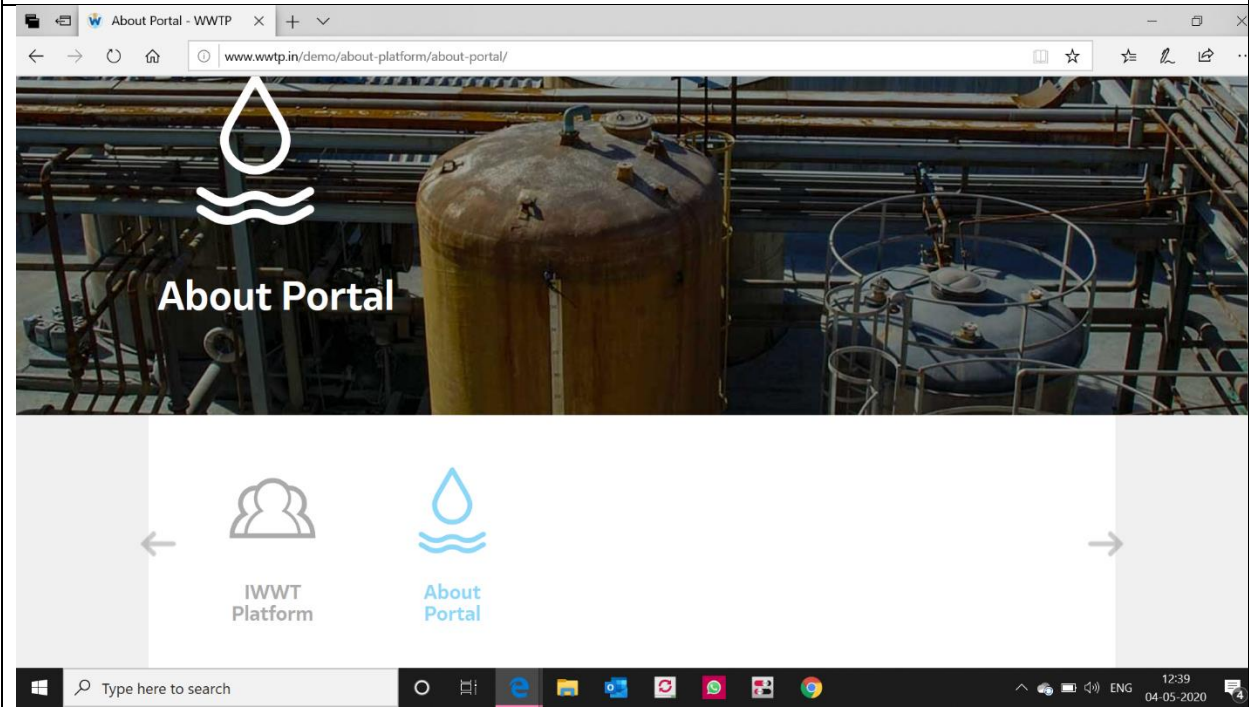
- Advanced Technologies
- Wastewater monitoring systems
- Storm water drainage systems
- Sewage sludge management
- Conveyance systems for wastewater
- Zero liquid discharge technologies (ZLD)
- Recycle/reuse of treated wastewater
- Waste water treatment technologies

**DATA POLICY**

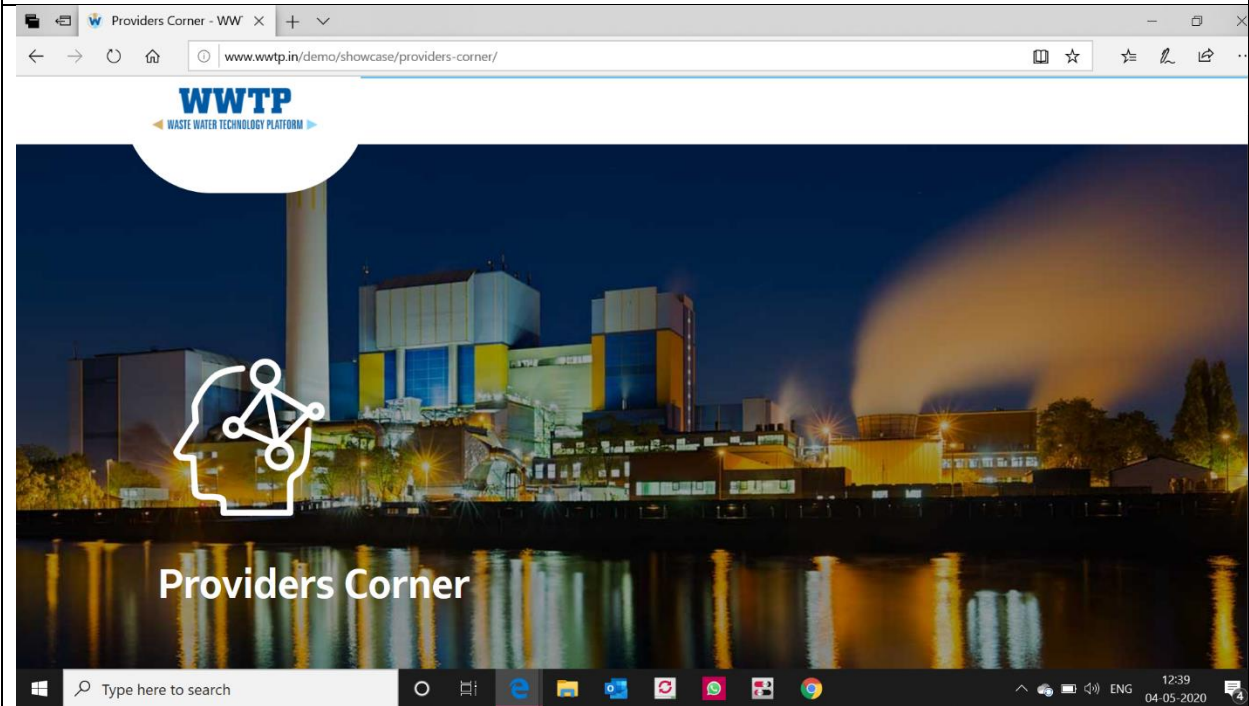
- Data Protection
- Disclaimer on Content and Information
- Terms of Use
- Privacy Policy
- Hyperlinking Policy

Developed & Maintain by Geostone corporation

## About Portal Section



## Showcase Section



## Technology Showcase Section

The screenshot shows a web browser window with the URL [www.wwtp.in/demo/showcase/providers-corner/](http://www.wwtp.in/demo/showcase/providers-corner/). The page features five technology categories, each with an icon and a title:

- Zero liquid discharge technologies (ZLD)
- Wastewater monitoring systems
- Waste water treatment technologies
- Storm water drainage systems
- Sewage sludge management

Below the categories, there is a paragraph of text:

As a service provider in the field of international cooperation for sustainable development and international education work, GIZ is dedicated to shaping a future worth living around the world. GIZ has over 50 years of experience in a wide variety of areas, including economic development and employment promotion, energy and the environment, and peace and security. The diverse expertise of our federal enterprise is in demand around the globe – from the German Government, European Union institutions, the United Nations, the private sector and governments of other countries. We work with businesses, civil society actors and research institutions, fostering successful interaction between development policy and other policy fields and areas of activity. GIZ's main commissioning party is the German Federal Ministry for Economic Cooperation and Development (BMZ).

The commissioning parties and cooperation partners all place their trust in GIZ to work with them to generate ideas for political, social and economic change, to develop these into concrete plans and to implement them. Since GIZ is a public-benefit federal enterprise, German and European values are central to GIZ's work. Together with GIZ's partners in national governments worldwide and cooperation partners from the worlds of business, research and civil society, GIZ work flexibly to deliver effective solutions that offer people better prospects and sustainably improve their living conditions.

The registered offices of GIZ are in Bonn and Eschborn in Germany, having 20,726 employees, 8 presence in around 170 countries.

## Blogs Section

The screenshot shows a web browser window with the URL [www.wwtp.in/demo/blogs/](http://www.wwtp.in/demo/blogs/). The page displays several blog posts and advertisements:

- WieTec-2020 Postponement Announcement 3**: With a view to fighting against Novel Coronavirus Pneumonia, Shanghai and other Chinese provinces and cities not only have initiated the First-Level ...
- WHO Getting Workplace Ready for COVID-19**: In January 2020 the World Health Organization (WHO) declared the outbreak of a new coronavirus disease in Hubei Province, China to be a Public Health ...
- IFAT Munich Postponement Announcement**: Due to the increasing spread of the coronavirus (COVID-19) in Europe and based on the recommendations of the German Ministry of Health and the Bavaria...
- IEexpo 中国环博会 Presented by IFAT**: Advertisement for the International Environmental Exhibition (IEexpo) presented by IFAT.
- BE A RESPONSIBLE CITIZEN... SAVE THE Environment. ENVIROTECH ASIA COVERS**: Advertisement for Envirotech Asia, an exhibition dedicated to Environmental Management such as Water and Waste Water treatment, Solid Waste Management, Pollution.

## Media Section

**Media**

**SEIP Case Studies**  
Environmental management has been a key prerogative in India, both by way of deferment to international treaties

**Industrial wastewater treatment – Solutions & Waste Water Charges**

**SUSTAINABLE AND ENVIRONMENT-FRIENDLY INDUSTRIAL PRODUCTION**

Type here to search

12:40  
04-05-2020

## Important Links Section

**Important Links**

Germany / Europe

India

International

Water Portal & Platforms

Type here to search

12:41  
04-05-2020

## Services Section

Services

- Adaptation of Advanced Technologies
- Adequacy and Efficacy Assessment of WWTP
- Ask WWTP Expert
- Energy Efficiency Consulting

## Service Enquiry Form

of WWTP Assistance

WWTP Platform can provide consulting services for Adaption of Advanced Technologies through inhouse and empaneled experienced professionals and domain experts having vast experience and understanding of subject. You can write to us with your interest on [contact@wwtp.in](mailto:contact@wwtp.in) or use the contact form

### Enquire Now

FULL NAME

EMAIL ADDRESS\*

CONTACT NUMBER

COUNTRY | CITY

MESSAGE\*

**SEND INQUIRY**

Personal information (Country/city, Full name and Contact Number) are not compulsory

## Contact Us Section

www.wwtp.in/demo/contact-us/

# Contact Us

FULL NAME  
Enter your name

EMAIL ADDRESS\*  
Enter your Email Address

CONTACT NUMBER  
Enter your Phone Number

COUNTRY | CITY  
Where are you from?

MESSAGE\*  
Any specific Message for us?

SEND INQUIRY

For General Queries

For Other Queries

Personal information (Country|city, Full name and Contact Number) are not compulsory

04 May 2020  
Monday  
12:42  
04-05-2020

## Details on Data Protection

www.wwtp.in/demo/data-protection/

# Data Protection

Data Protection

Data processing is the responsibility of GeoStone Corporation

Postal address:

GeoStone Corporation  
203 SHIV Flats  
Bd H-3 Hospitals  
Citylight Road  
SURAT-395007 GUJ  
India

Contact:

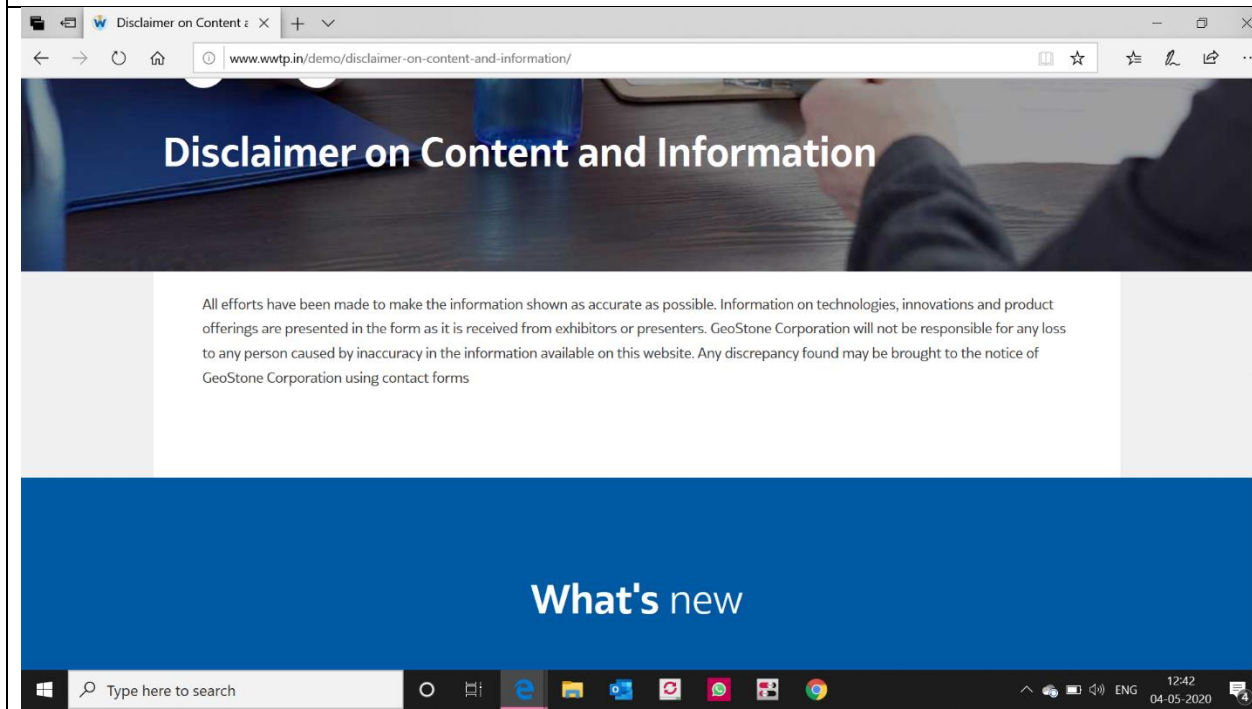
[contact@wwtp.in](mailto:contact@wwtp.in)

Contact details of the data protection officer:

[Geostone.corp@gmail.com](mailto:Geostone.corp@gmail.com)

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04-05-2020

## Disclaimer on Content



Disclaimer on Content and Information

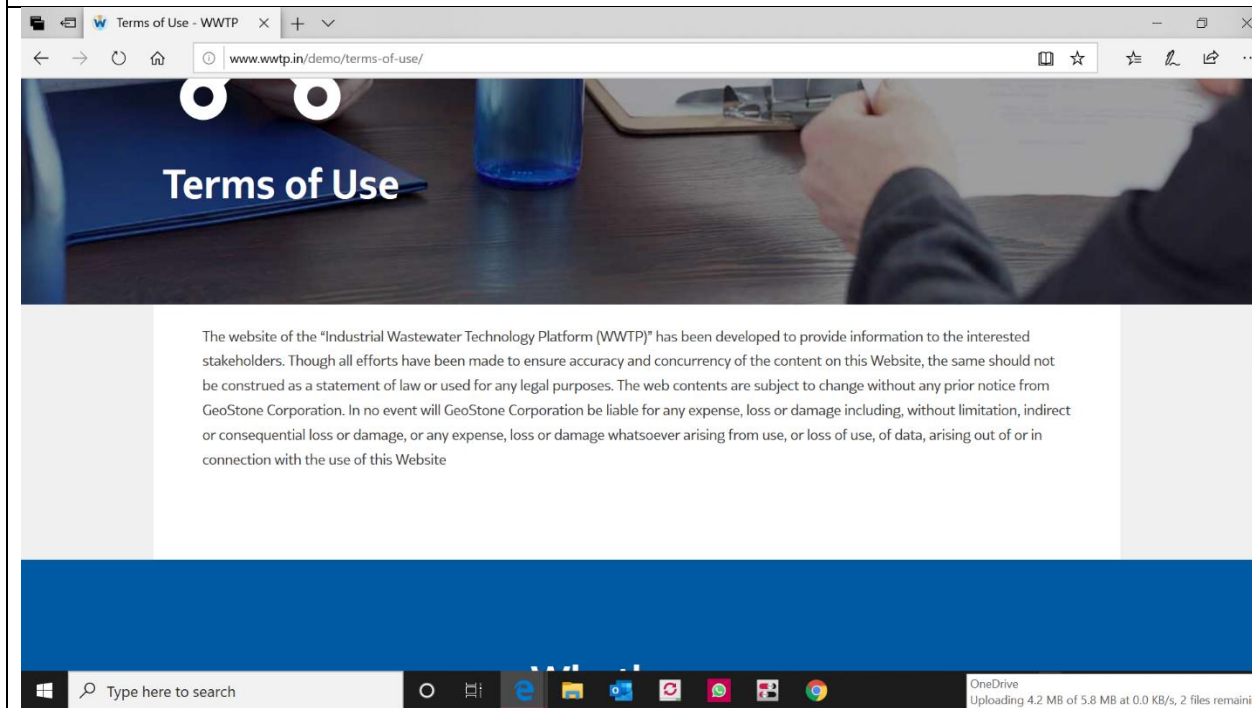
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What's new

Type here to search

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04-05-2020

## Information on Terms of Use of Portal



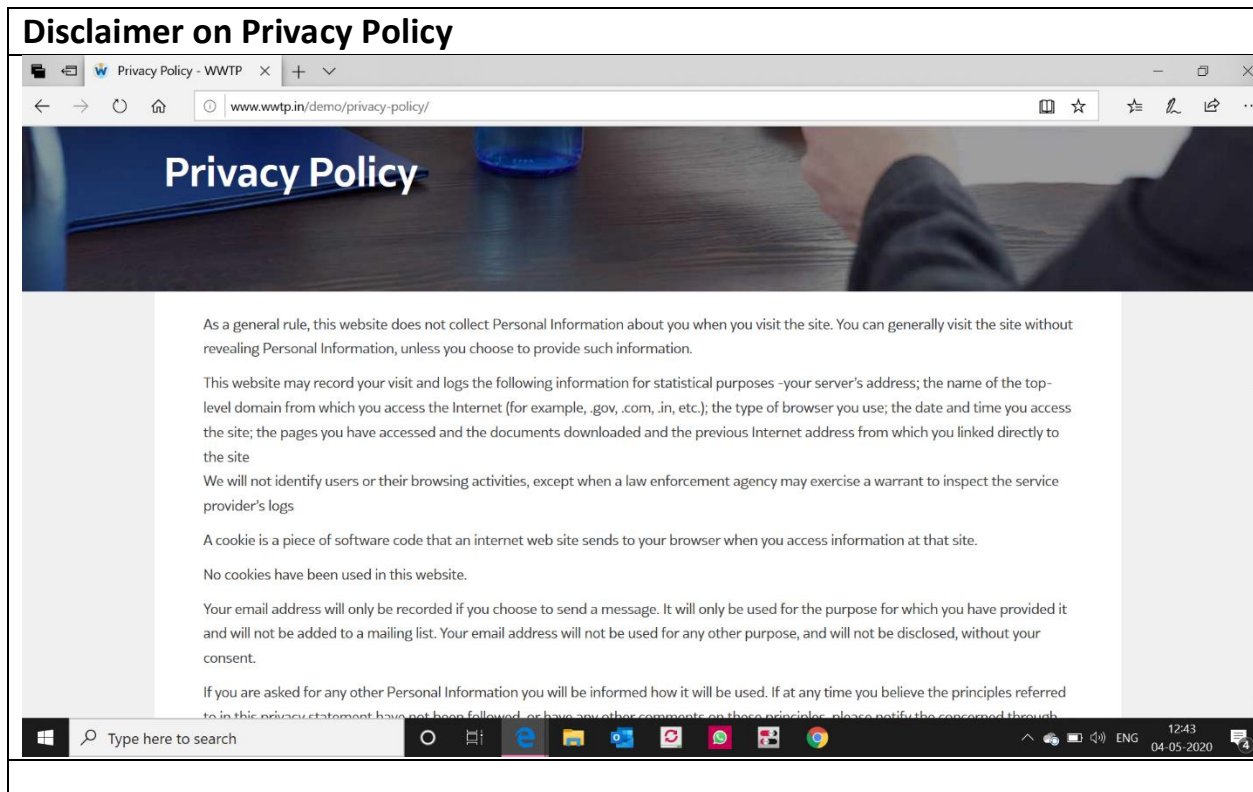
Terms of Use

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Type here to search

OneDrive  
Uploading 4.2 MB of 5.8 MB at 0.0 KB/s, 2 files remaini





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28<sup>th</sup> June, 2020